

FIG.1

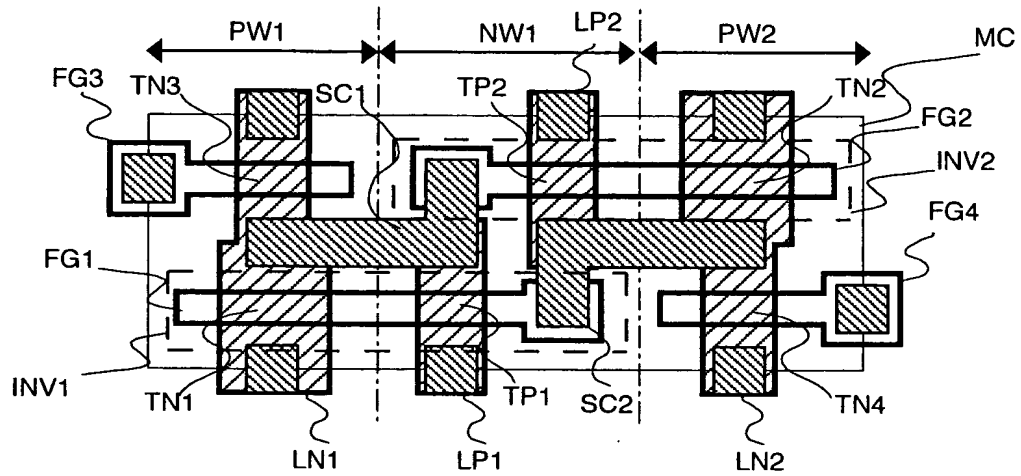
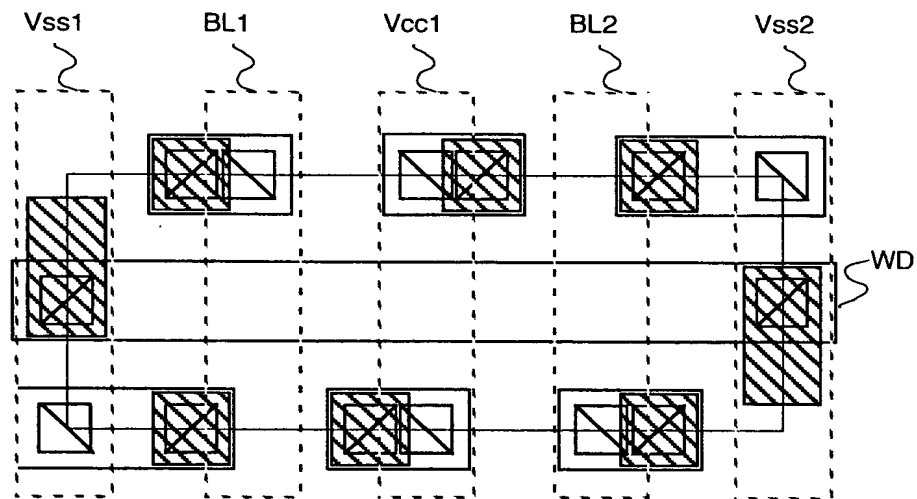


FIG.2



- | | |
|-------------------|--------------------|
| DIFFUSION LAYER | FIRST VIA LAYER |
| POLYSILICON LAYER | SECOND METAL LAYER |
| CONTACT LAYER | SECOND VIA LAYER |
| FIRST METAL LAYER | THIRD METAL LAYER |

FIG.3

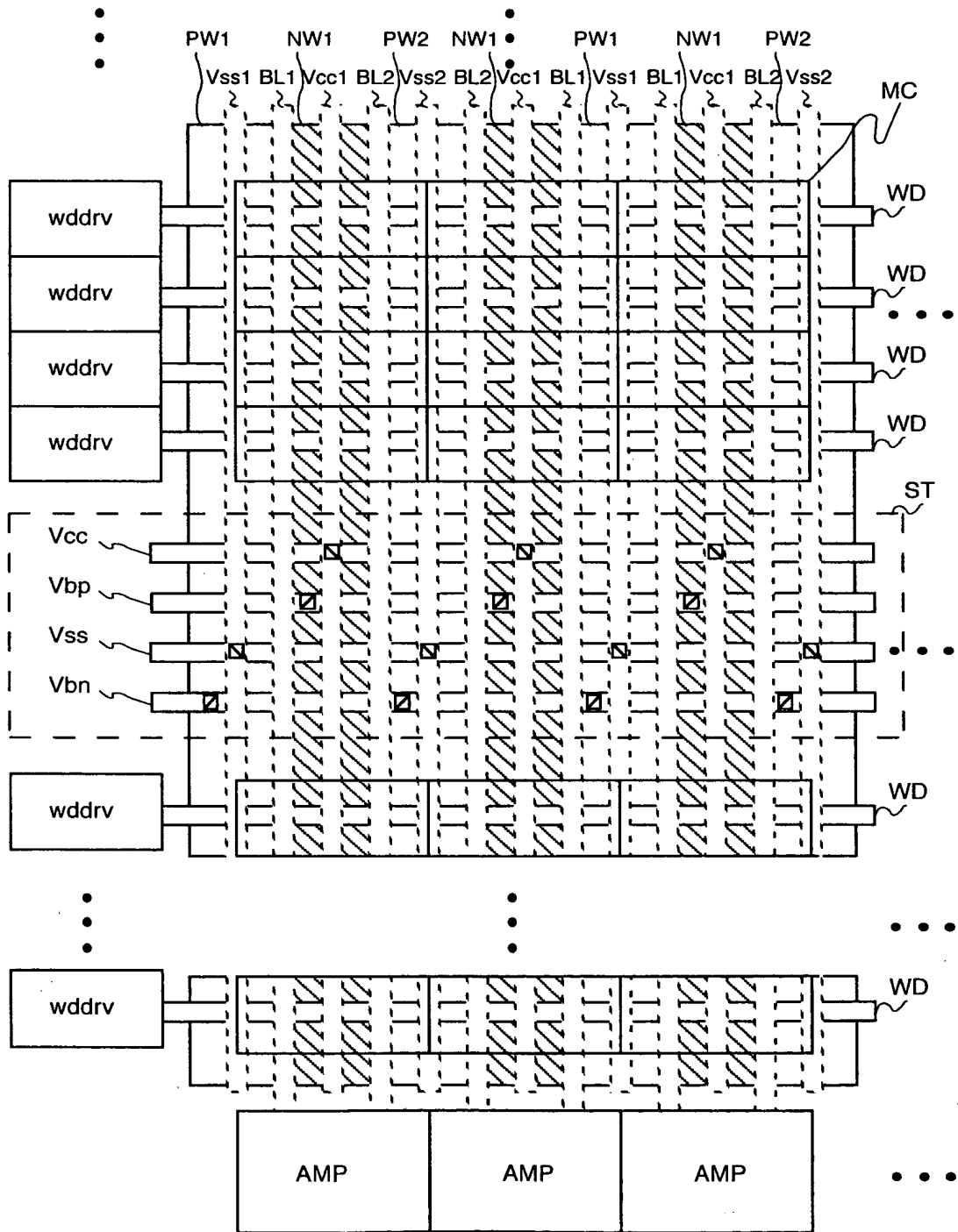


FIG.4

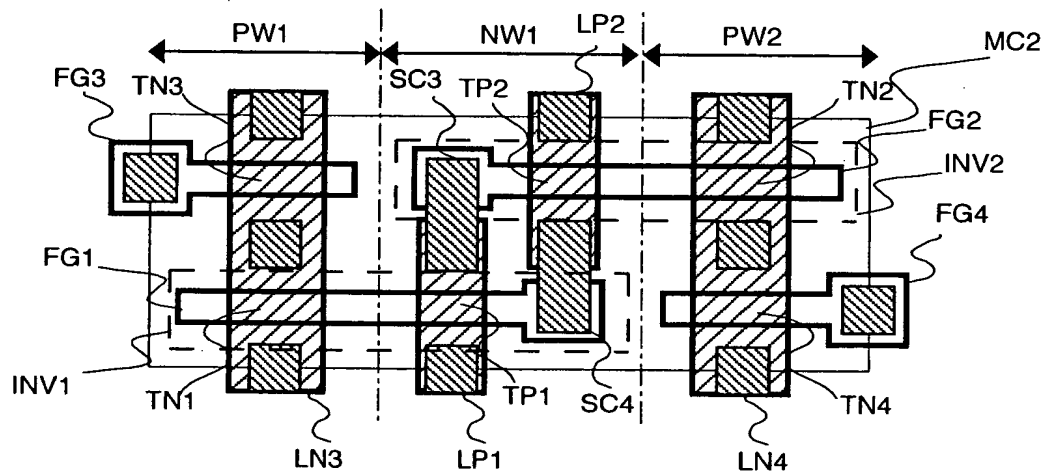


FIG.5

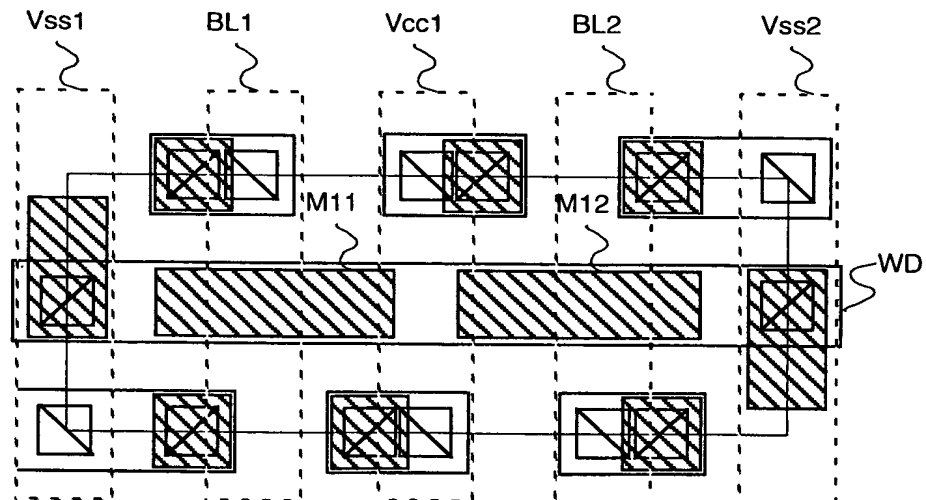


FIG.6

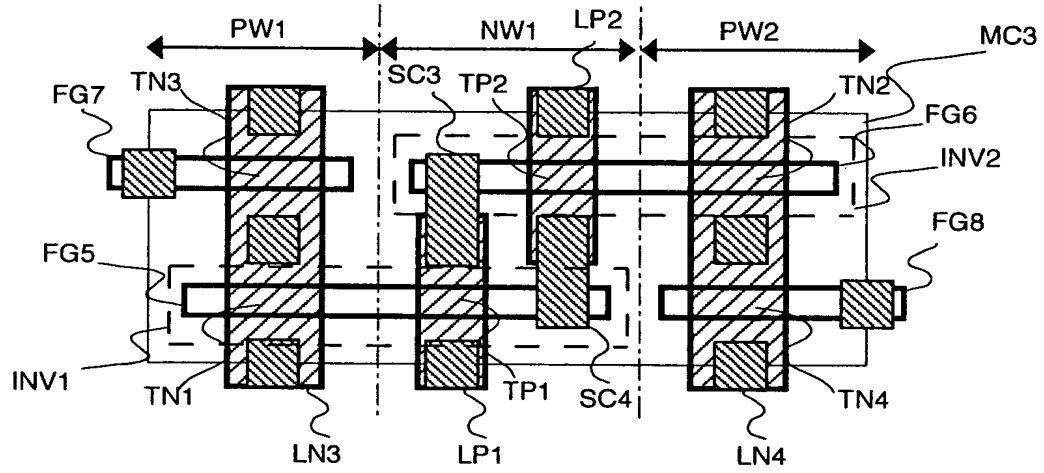


FIG.7

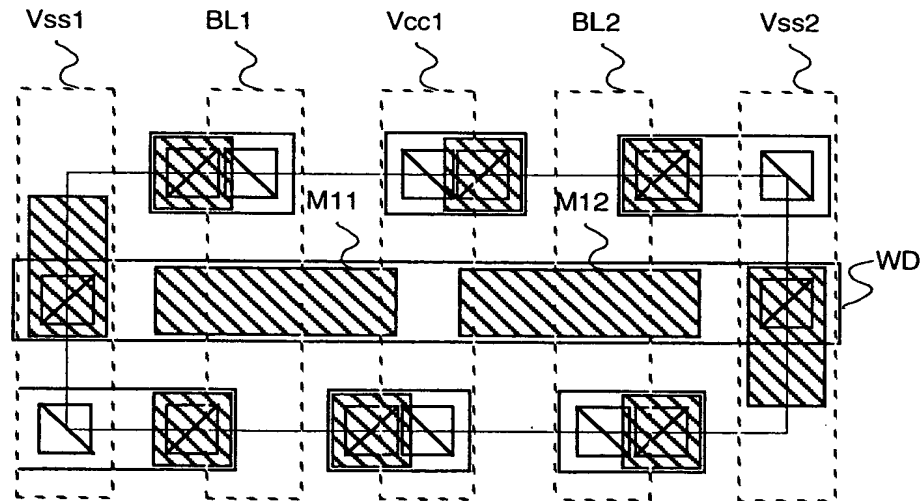


FIG.8

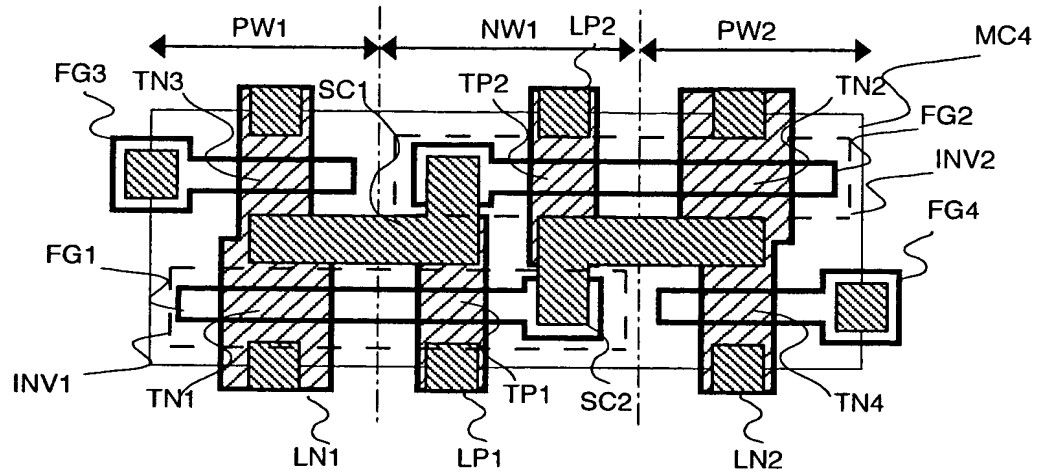
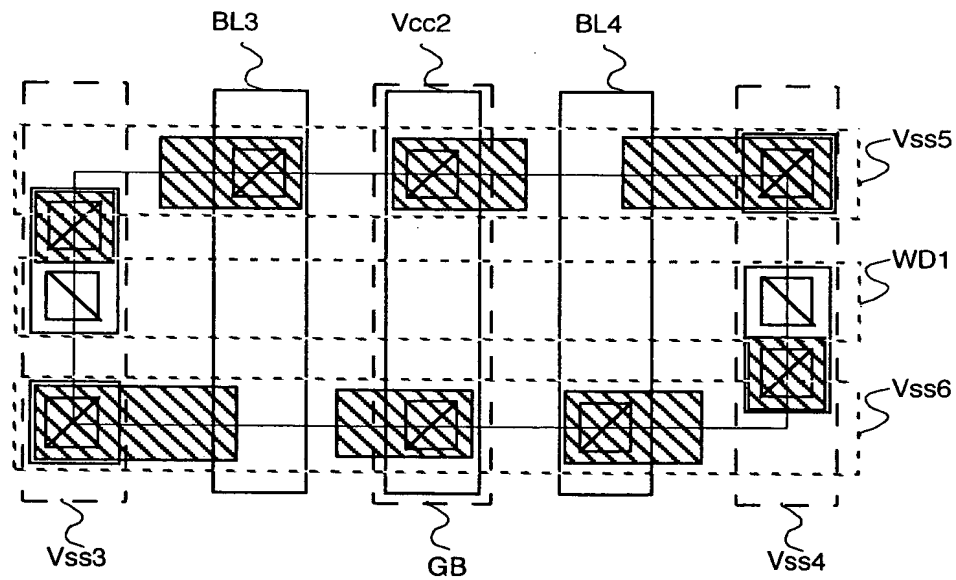


FIG.9



- DIFFUSION LAYER
- POLYSILICON LAYER
- CONTACT LAYER
- FIRST METAL LAYER

- FIRST VIA LAYER
- SECOND METAL LAYER
- SECOND VIA LAYER
- THIRD METAL LAYER
- FIRST VIA LAYER, SECOND VIA LAYER, THIRD VIA LAYER
- FOURTH METAL LAYER

FIG.10

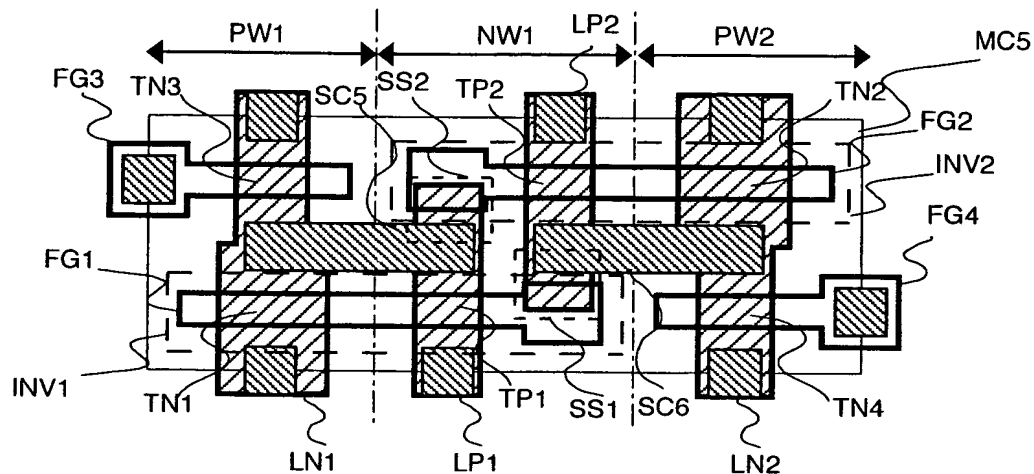
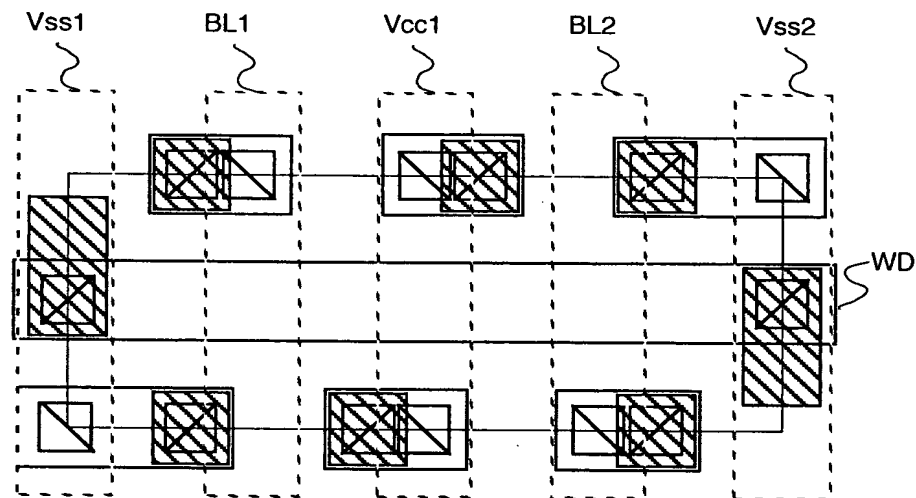


FIG.11



- | | |
|--|--------------------|
| DIFFUSION LAYER | FIRST VIA LAYER |
| POLYSILICON LAYER | SECOND METAL LAYER |
| CONTACT LAYER | SECOND VIA LAYER |
| FIRST METAL LAYER | THIRD METAL LAYER |
| AREA WHERE POLYSILICON AND DIFFUSION ARE CONNECTED | |

FIG.12a

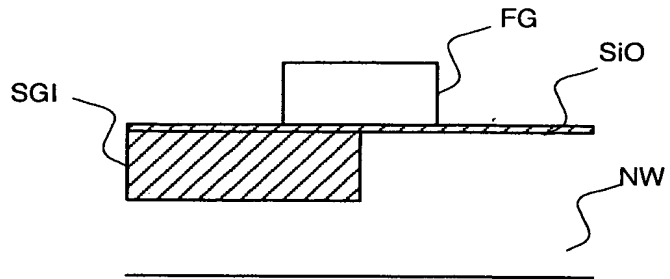


FIG.12b

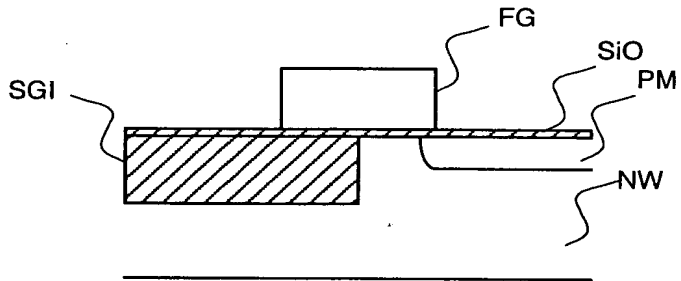


FIG.12c

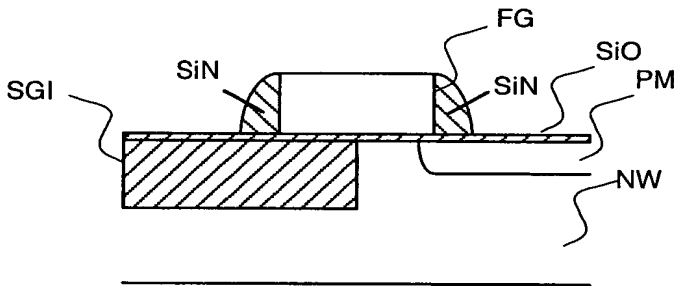


FIG.12d

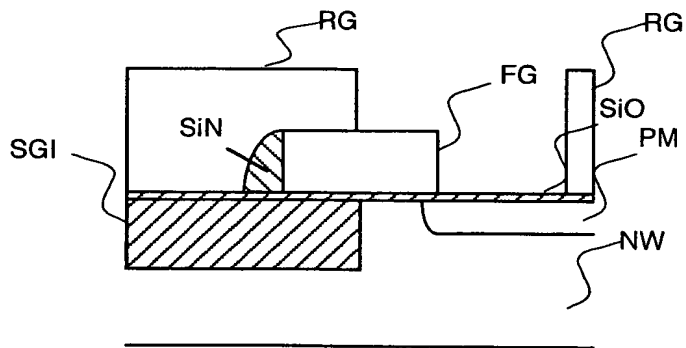


FIG.12e

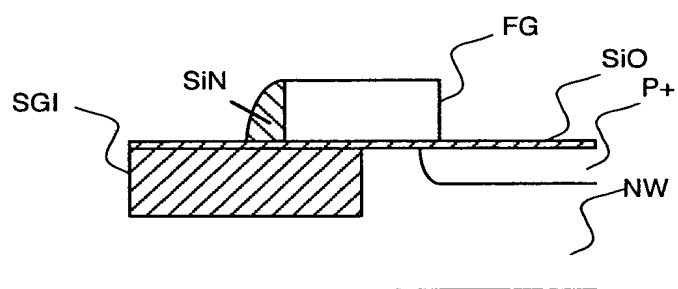


FIG.12f

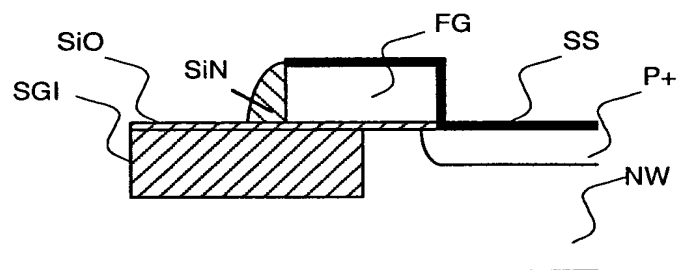




FIG.15

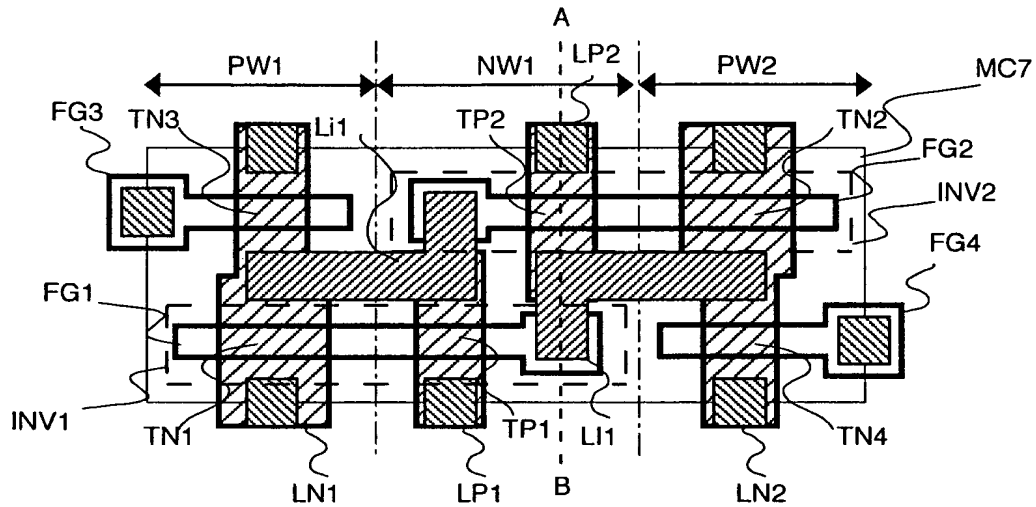
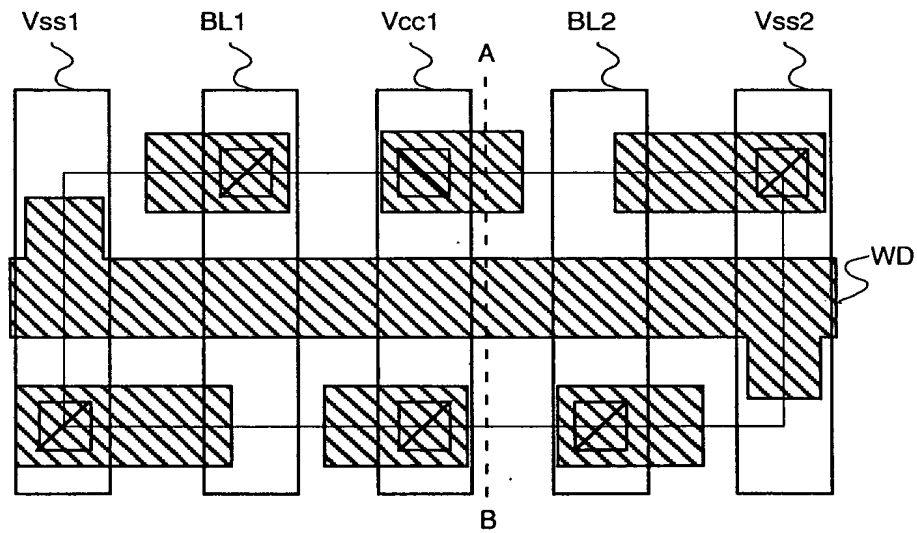


FIG.16



- | | |
|--------------------|--------------------|
| DIFFUSION LAYER | FIRST VIA LAYER |
| POLYSILICON LAYER | SECOND METAL LAYER |
| CONTACT LAYER | |
| LOCAL INTERCONNECT | |
| FIRST METAL LAYER | |

FIG.17

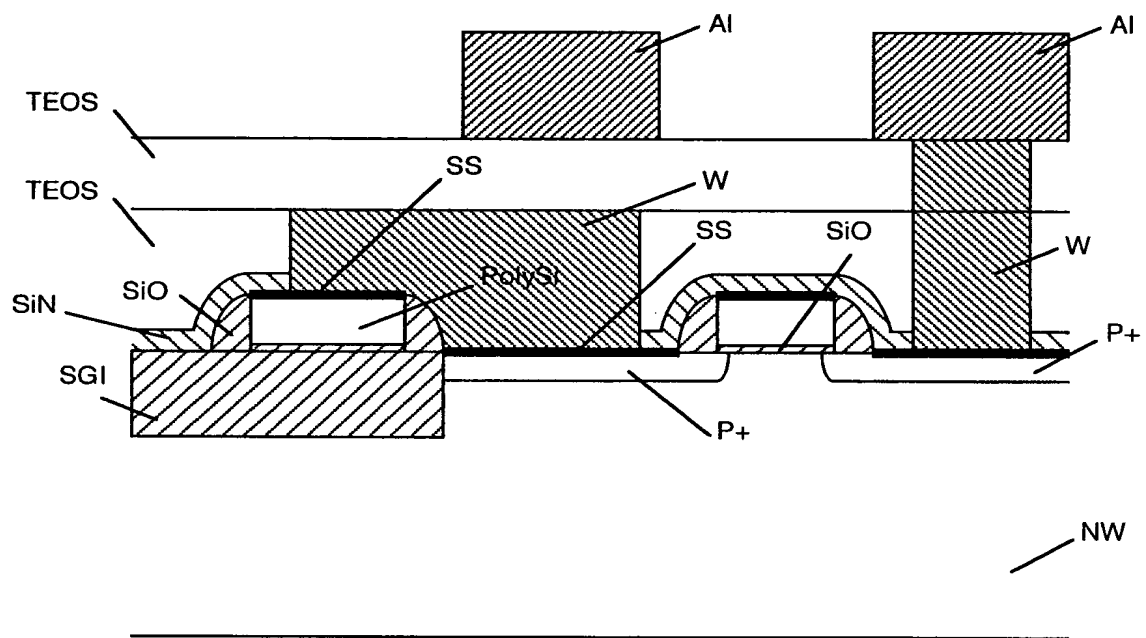


FIG.18a

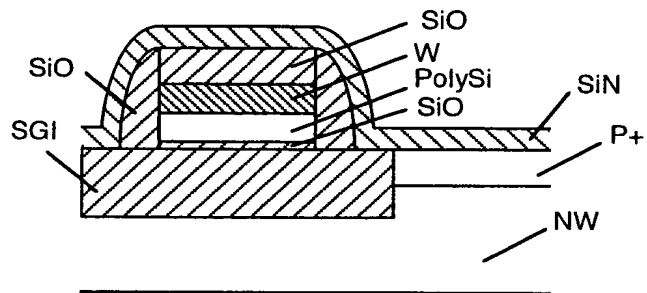


FIG.18b

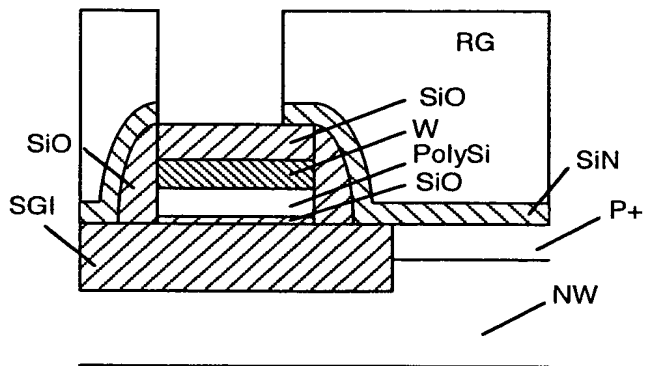


FIG.18c

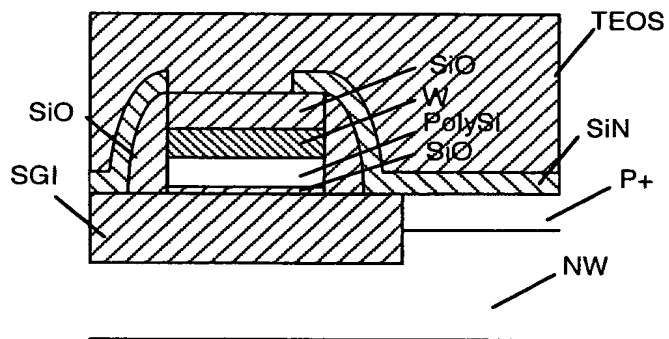


FIG.18d

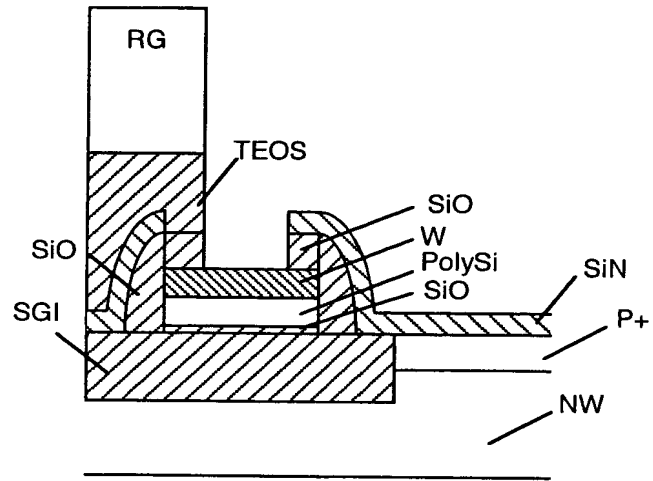


FIG.18e

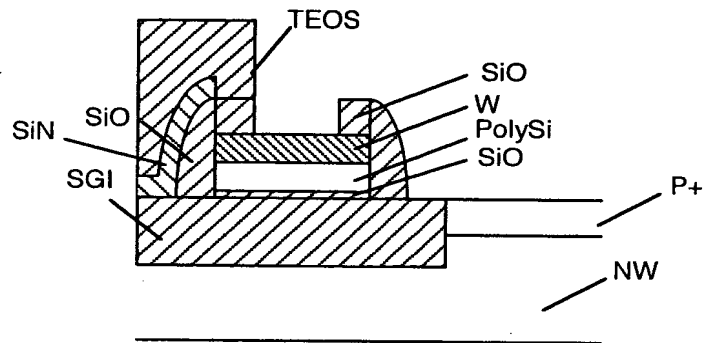


FIG.18f

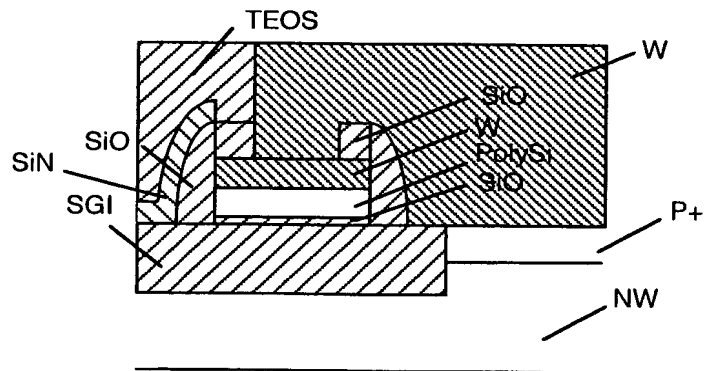


FIG.19a

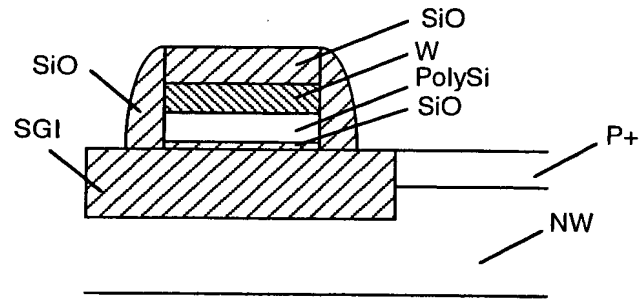


FIG.19b

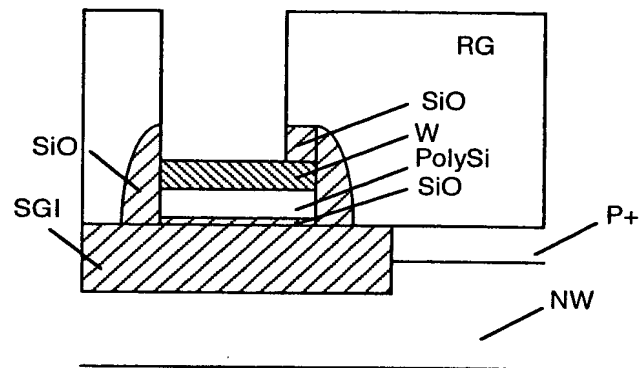


FIG.19c

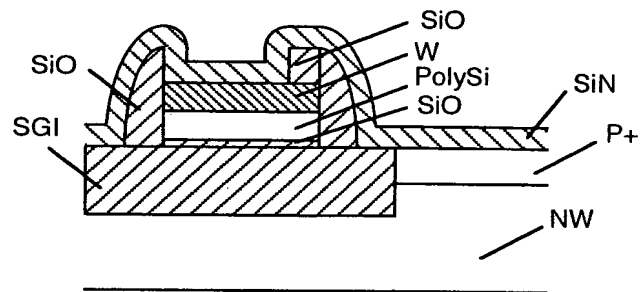


FIG.19d

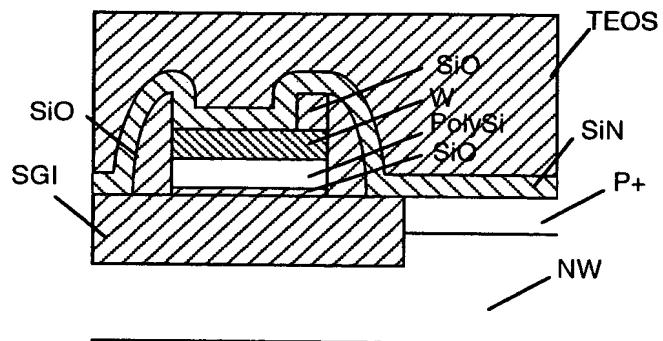


FIG.19e

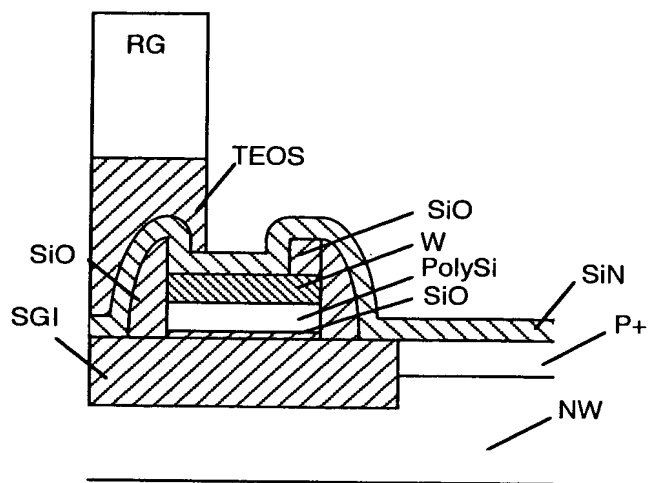


FIG.19f

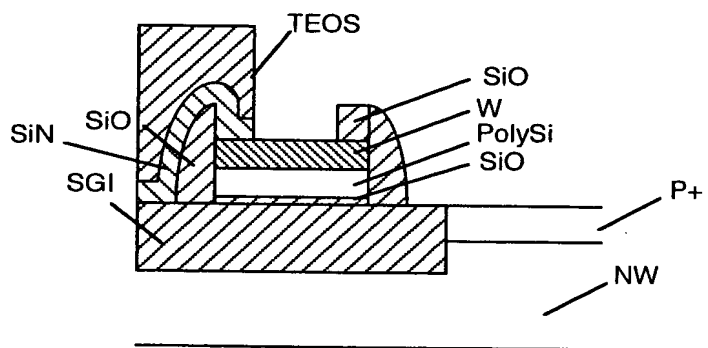


FIG.19g

